COMPLETE SAMPLE DELIVERY GROUP FILE (CSF)
EVIDENCE AUDIT CHECKLIST
U.S. Environmental Protection Agency - Region 8
Environmental Services Division, Multi-Media Branch
Analytical Operations Section

Audit Number: 08-32-08
Site Name: Richardson Flat Tailings
Date CSF Received: 12/6/07
Site Manager: Kathryn Hernandez
Received By: Carol Beard
RAS Number: 36948
Date of Audit: 02/22/08
ULSA Number:
Audited By: Carol Beard
SDG Number: MH24K8
Resubmitted CSF? Yes___ No___
Number of Samples: 20/4/5
Lab Name: A-4 Scientific
CLP Lab Code: A-4
Lab Location: The Woodlands, TX

AUDIT CHECKLIST

CHAIN OF CUSTODY

1. Custody Seal Present? Yes ✓ No___
2. Condition of Seal? Intact ✓ Signed ✓ Broken___ Unsigned___
3. Chain of Custody Record(s) Present? Yes ✓ No___
4. Chain of Custody Record(s) Signed? Yes ✓ No___
5. Chain of Custody Record(s) Dated? Yes ✓ No___
6. Traffic Report(s) or Packing List(s) Present? Yes ✓ No___
7. Traffic Report(s) or Packing List(s) Signed? Yes ✓ No___
8. Airbill Present? Yes ✓ No___
9. Airbill Number(s): 863198574806
10. Airbill Signed? Yes ✓ No___
11. Airbill Dated? Yes ✓ No___
12. Sample Tags Present? Yes ✓ No___
13. Should Sample Tags be Present? Yes ✓ No___

AUDIT NUMBER: 08-32-08

FORM DC-2

14. Form DC-2 Present?	Yes ✓	No
15. Numbering Scheme on Form DC-2 Correct?	Yes ✓	No
16. Enclosed Documents Listed?	Yes ✓	No
17. Listed Documents Enclosed?	Yes ✓	No

FORM DC-1

18. Form DC-1 Present?	Yes ✓	No
19. Form DC-1 Complete?	Yes ✓	No
20. Form DC-1 Correct?	Yes ✓	No

OCUMENT CONTROL

1. Laboratory Documents Complete?	Yes ✓	No
2. Laboratory Documents Legible?	Yes ✓	No
3. Original Documents Included in CSF?	Yes ✓	No

ATA INSPECTION

1. Form I's present (for each analytical fraction as defined by the Traffic Report/Chain of Custody Record)?	Yes ✓	No
. Forms 2 through 8 (VOC & SVOC), Forms 2 through 10 (Pesticides), Forms 2 through 14 (Metals & Cyanide) present?	Yes ✓	No
. Raw data present (for each analytical fraction as defined by the Traffic Report/Chain of Custody Record)?	Yes ✓	No
Percent Solids Form present for soil samples?	Yes	No

E: If items 1, 3, 4, 6, 7, 8, 12, 14, 18, or 22 are missing, rective action measures must be taken by the CSF auditor and marized below.

JDIT NUMBER: 08-32-08

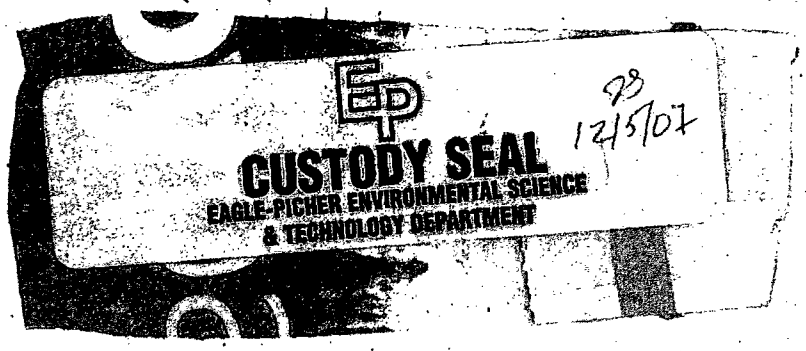
OMMENTS AND NOTES:

Paul Beaf 02/22/08

uditor Date

EPA OFFICIAL SEALS PAGE

lease attach all custody seals below:



AUDIT NUMBER: 08-32-08

EPA CLP ELECTRONIC DISKETTE(S)

CASE #: 36948 SDG #: MH24K8

SITE NAME: Richardson Flat Tailings

RPM: Kathryn Hernandez

DATE: 02/22/08

AUDITOR: Carol Bump

Audit # 08-32-08
RAS # 36948
SDG - MH24K8
Site - Richardson Flat Tailings
RPM - Kathryn Hernandez
~~EB~~ B - A-4
Date - 02/22/08

USEPA-CLP

COVER PAGE

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No: 36948 NRAS No.: SDG No: MH24K8

SOW No.: ILM05.4

EPA Sample No.	Lab Sample ID
MH24K8	0008727-16
MH24K9	0008727-17
MH24L0	0008727-18
MH24L1	0008727-19
MH24L2	0008727-20
MH24L3	0008727-01
MH24L3D	0008727-01D
MH24L3S	0008727-01S
MH24L4	0008727-02
MH24L5	0008727-03
MH24L6	0008727-04
MH24L7	0008727-05
MH24L8	0008727-06
MH24L9	0008727-07
MH24M0	0008727-08
MH24M1	0008727-09
MH24M2	0008727-10
MH24M3	0008727-11
MH24M4	0008727-12
MH24M5	0008727-13

		ICP-AES	ICP-MS
Were ICP-AES and ICP-MS interelement corrections applied?	(Yes/No)	YES	YES
Were ICP-AES and ICP-MS background corrections applied?	(Yes/No)	YES	YES
If yes, were raw data generated before application of background corrections?	(Yes/No)	NO	NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette (or via an alternate means of electronic transmission, if approved in advance by USEPA) has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Reddy Pakanati Name: REDDY PAKANATI

Date: 12/5/07 Title: LABORATORY MANAGER

USEPA-CLP

COVER PAGE

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No: 36948 NRAS No.: SDG No: MH24K8

SOW No.: ILM05.4

EPA Sample No.	Lab Sample ID
MH24M6	0008727-14
MH24M7	0008727-15

		ICP-AES	ICP-MS
Were ICP-AES and ICP-MS interelement corrections applied?	(Yes/No)	YES	YES
Were ICP-AES and ICP-MS background corrections applied?	(Yes/No)	YES	YES
If yes, were raw data generated before application of background corrections?	(Yes/No)	NO	NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette (or via an alternate means of electronic transmission, if approved in advance by USEPA) has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Reddy Pakanati Name: REDDY PAKANATI

Date: 12/5/07 Title: LABORATORY MANAGER

A4 SCIENTIFIC, INC.

1544 Sawdust Road, Suite 505 • The Woodlands, TX 77380 • Phone (281) 292-5277

Contract #: EPW06057	Case #: 36948	SDG #: MH24K8

SDG NARRATIVE

SAMPLE RECIEPT & LOGIN

The following samples were received on the dates listed against them. The samples were logged in for analysis as listed.

EPA SAMPLE #	LAB SAMPLE #	DATE/TIME RECEIVED	AIRBILL NO.	ANALYSIS	Total # of Containers Received	REMARKS	MATRIX
MH24K8	0008727-16	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24K9	0008727-17	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24L0	0008727-18	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24L1	0008727-19	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24L2	0008727-20	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24L3	0008727-01	11/16/07 10:11	863198574806	ICP-AES	1	MS/DUP	SOIL
MH24L4	0008727-02	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24L5	0008727-03	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24L6	0008727-04	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24L7	0008727-05	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24L8	0008727-06	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24L9	0008727-07	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24M0	0008727-08	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24M1	0008727-09	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24M2	0008727-10	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24M3	0008727-11	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24M4	0008727-12	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24M5	0008727-13	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24M6	0008727-14	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24M7	0008727-15	11/16/07 10:11	863198574806	ICP-AES	1		SOIL

ICP-AES

Issue 1: The cooler custody seals were absent for all coolers received on 11/16/07.
Resolution 1: Per Region 8, the laboratory has proceeded with the analysis of the samples.

Issue 2: There was no temperature blank received for the coolers received on 11/16. Cooler temperatures were determined to be 5,4,4 and 5. Lab used the following method to check cooler temperature. Removed ice between two sample containers and placed thermometers between them and stabilized for several minutes. The thermometer was not allowed to come in contact with any material except sample containers. The temperature of the shipping container was recorded on the TR/COC and form DC-1.
Resolution 2: Per direction from Region 8 laboratory has proceeded with the analysis of the samples.

Issue 3: The tag numbers on the physical tags do not match up with the tag numbers listed on the TR/COC.
Resolution 3: Per direction from Region 8, the laboratory proceeded with the analysis of the sample using the sample tag number attached to the sample container.

Issue 4: Per scheduling lab QC is required; however there were no samples designated on the TR/COC.
Resolution 4: Per direction from Region 8, the laboratory selected a sample for lab QC that was not a PE, blank, or rinsate sample. The laboratory notified the SMO coordinator of the sample selected for lab QC, and proceed with the analysis of the samples.

A4 SCIENTIFIC, INC.

1544 Sawdust Road, Suite 505 • The Woodlands, TX 77380 • Phone (281) 292-5277

Contract #: EPW06057	Case #: 36948	SDG #: MH24K8

SDG NARRATIVE

SMO was notified. Directive is enclosed. No other discrepancies of issues were noted during receipt and login.

ICP-AES

Soil Samples were digested by Hot-Block technique (HS2) and analyzed using a Thermo Electron ICAP6500.

MS and DUP were performed on sample "MH24L3". Recovery of Mn was outside QC limits. Post-digestion spike was performed.

Analytes with Serial Dilution percent difference not within the control limits are flagged with "E" on Form1s and Form8.

The following Samples were analyzed at a dilution for some elements to bring the concentration below the LDRs. The dilutions were made as below:

Sample ID	Dilution	Volume at digestate (ul)	Volume of 2% HNO3 (ul)	Final Volume (ul)
MH24L0	1.3	7,692	2,308	10,000

The following equations are used for calculation of sample results from raw instrument output data:

ICP-AES

SOIL Samples:

Concentration (dry Wt.) (mg/kg) = $\frac{C*V}{W*S} * DF$

Where,
C = Concentration (mg/L)
V = Final sample volume in Liters (L) (0.1L)
W = Wet sample weight (kg) (0.001kg)
S = % solids/100
DF = Dilution Factor

SAMPLE LOG-IN SHEET

Lab Name A4 SCIENTIFIC, INC.		Page 1 of 5
Received By (Print Name) Larry Goodson		Log-in Date 11/16/07
Received By (Signature) Larry Goodson		
Case Number 36948	Sample Delivery Group No. MH24L3K8 28 11/16/07	NRAS Number —

Remarks:		EPA Sample #	Aqueous Sample pH	Corresponding Sample Tag #	Corresponding Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1. Custody Seal(s)	Present/Absent* Intact/Broken	MH24L3		8240535	36948-01	Ziplock Bags Intact
2. Custody Seal Nos.	N/A	L4		8250354	-02	
3. Traffic Reports/Chain of Custody Records or Packing Lists	Present/Absent*	L5		8250367	-03	
		L6		8250371	-04	
4. Airbill	Airbill/Sticker Present/Absent*	L7		8250365	-05	
5. Airbill No.	863198648806 N/A	L8		8250369	-06	
6. Sample Tags	Present/Absent*	L9		8250364	-07	
Sample Tag Numbers	Listed/Not Listed on Traffic Report/Chain of Custody Record	MH24MO		8250370	-08	
		M1		8250363	-09	
7. Sample Condition	Intact/Broken*/ Leaking	M2		8250353	-10	
8. Cooler Temperature Indicator Bottle	Present/Absent*	M3		8250352	-11	
9. Cooler Temperature	28 11/16/07 4 B °C	M4		8250362	-12	
10. Does information on Traffic Reports/Chain of Custody Records and sample tags agree?	Yes/No*	M5		8250366	-13	
11. Date Received at Lab	11/16/07	M6		8250355	-14	
12. Time Received	28 11/16/07 10:11	M7		8250368	-15	

Sample Transfer						
Fraction MTLS	Fraction					
Area # Coolers A	Area #					
By RJ	By					
On 11/16/07	On					28 11/20/07

* Contact SMO and attach record of resolution

Reviewed By JS		Logbook No. NA	
Date 11/20/07		Logbook Page No. 1	

SAMPLE LOG-IN SHEET

Lab Name A4 SCIENTIFIC, INC.		Page 1 of 2
Received By (Print Name) Larry Gordon		Log-in Date 11/16/07
Received By (Signature) Larry Gordon		
Case Number 36948	Sample Delivery Group No. MH2448	NRAS Number —

Remarks:		EPA Sample #	Aqueous Sample pH	Corresponding Sample Tag #	Corresponding Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1. Custody Seal(s)	Present/Absent* Intact/Broken	MH2448		8241674	0008727 -016	Ziplock Bag Intact
2. Custody Seal Nos.	N/A	KQ		8241667	-017	
3. Traffic Reports/Chain of Custody Records or Packing Lists	Present/Absent*	MH2410		8240533	-018	
4. Airbill	Airbill/Sticker Present/Absent*	L1		8240532	-019	
5. Airbill No.	863198674826 N/A	L2		8241663	-20	
6. Sample Tags	Present/Absent*					
Sample Tag Numbers	Listed/Not Listed on Traffic Report/Chain of Custody Record					
7. Sample Condition	Intact/Broken*/ Leaking					
8. Cooler Temperature Indicator Bottle	Present/Absent*					
9. Cooler Temperature	11/16/07 4.0 °C					
10. Does information on Traffic Reports/Chain of Custody Records and sample tags agree?	Yes/No*					
11. Date Received at Lab	11/16/07					
12. Time Received	11/16/07 10:11					

Sample Transfer			
Fraction MLS	Fraction		11/20/07
Area # CoolerA	Area #		
By	By		
On 11/16/07	On		

* Contact SMO and attach record of resolution

Reviewed By		Logbook No.	NA
Date 11/20/07		Logbook Page No.	

FULL INORGANICS COMPLETE SDG FILE (CSF) INVENTORY SHEET

LABORATORY NAME: A4 SCIENTIFIC, INC.

CITY/STATE: THE WOODLANDS, TX

CASE NO. 36948 SDG NO. MH24K8

SDG NOs. TO FOLLOW NA

NRAS NO. NA

CONTRACT NO. EPW06057

SOW NO. ILM05.4

All documents delivered in the Complete SDG File must be original documents where possible. (Reference - Exhibit B Section 2.6)

		PAGE NOs. FROM	PAGE NOs. TO	CHECK LAB	CHECK REGION
1.	Cover Page	1	2	✓	✓
2.	SDG Narrative	3	4	✓	✓
3.	Sample Log-In Sheet (DC-1)	5	6	✓	✓
4.	Inventory Sheet (DC-2))	7	8	✓	✓
5.	Traffic Report/Chain of Custody Record(s)	9	12	✓	✓
	Inorganic Analysis				
6.	Data Sheet (Form I-IN)	13	32	✓	✓
7.	Initial & Continuing Calibration Verification (Form IIA-IN)	33	43	✓	✓
8.	CRQL Standard (Form IIB-IN)	44	50	✓	✓
9.	Blanks (Form III-IN)	51	57	✓	✓
10.	ICP-AES Interference Check Sample (Form IVA-IN)	58	64	✓	✓
11.	ICP-MS Interference Check Sample (Form IVB-IN)	NA	NA	✓	—
12.	Matrix Spike Sample Recovery (Form VA-IN)	65	65	✓	✓
13.	Post-Digestion Spike Sample Recovery (Form VB-IN)	66	66	✓	✓
14.	Duplicates (Form VI-IN)	67	67	✓	✓
15.	Laboratory Control Sample (Form VII-IN)	68	68	✓	✓
16.	ICP-AES and ICP-MS Serial Dilutions (Form VIII-IN)	69	69	✓	✓
17.	Method Detection Limits (Annually) (Form IX-IN)	70	72	✓	✓
18.	ICP-AES Interelement Correction Factors (Quarterly) (Form XA-IN)	73	73	✓	✓
19.	ICP-AES Interelement Correction Factors (Quarterly) (Form XB-IN)	74	74	✓	✓
20.	ICP-AES and ICP-MS Linear Ranges (Quarterly) (Form XI-IN)	75	75	✓	✓
21.	Preparation Log (Form XII-IN)	76	76	✓	✓
22.	Analysis Run Log (Form XIII-IN)	77	83	✓	✓

	PAGE NOs. FROM	PAGE NOs. TO	CHECK LAB	CHECK REGION
23. ICP-MS Tune (Form XIV-IN)	NA	NA	✓	—
24. ICP-MS Internal Standards Relative Intensity Summary (Form XV-IN)	↓	↓	✓	✓
25. ICP-AES Raw Data	84	695	✓	✓
26. GFAA Raw Data (If Applicable)	NA	NA	✓	—
27. ICP-MS Raw Data	↓	↓	✓	—
28. Mercury Raw Data	↓	↓	✓	—
29. Cyanide Raw Data	↓	↓	✓	—
30. Preparation Logs Raw Data	696	723	✓	✓
31. Percent Solids Determination Log .	724	725	✓	✓
32. USEPA Shipping/Receiving Documents				
Airbill (No. of Shipments 1)	726	726	✓	✓
Sample Tags	727	733	✓	✓
Sample Log-In Sheet (Lab)	734	735	✓	✓
33. Misc. Shipping/Receiving Records (list all individual records)				
Telephone Logs	NA	NA	✓	—
12/5/07 NA	↓	↓	✓	—
↓	—	—	—	—
34. Internal Lab Sample Transfer Records & Tracking Sheets (describe or list)				
Custody Logbook	736	736	✓	✓
NA	NA	NA	✓	—
35. Internal Original Sample Prep & Analysis Records (describe or list)				
Prep Records Digestion Log	696	697	✓	✓
Analysis Records Runlogs	698	709	✓	✓
Description Standard preplog	710	723	✓	✓
36. Other Records (describe or list)				
Telephone Communications Log	NA	NA	✓	—
Emails	737	739	✓	✓
NA	NA	NA	✓	—

37. Comments: 8S 12/5/07

Completed by: (CLP Lab) J. Schulze (Signature) J. Schulze sample Custodian (Print Name & Title) 12/5/07 (Date)

Audited by: (USEPA) Carol Beard (Signature) Carol Beard (Print Name & Title) 02/22/08 (Date)

SAMPLE DELIVERY GROUP (SDG)
COVER SHEET

SDG Number: MH24K8

☑ **ICP-AES Analysis** ☐ **ICP-MS Analysis**

Laboratory Name: A4 SCIENTIFIC, INC. **Laboratory Code:** A4

Contract No.: EPW06057 **Case No.:** 36948

Analysis Price: **SDG Turnaround:** 21 days

Modified Analysis (if applicable):

Modification Reference No.:

EPA Sample Numbers in SDG (Listed in Numerical Order)

1) MH24K8	7) MH24L4	13) MH24M0	19) MH24M6
2) MH24K9	8) MH24L5	14) MH24M1	20) MH24M7
3) MH24L0	9) MH24L6	15) MH24M2	21)
4) MH24L1	10) MH24L7	16) MH24M3	22)
5) MH24L2	11) MH24L8	17) MH24M4	23)
6) MH24L3	12) MH24L9	18) MH24M5	24)

MH24K8	MH24M7
First Sample in SDG	**Last Sample in SDG**
11/16/2007	11/16/2007
First Sample Receipt Date	**Last Sample Receipt Date**

Note: *There are a maximum of 20* ***field*** *samples [excluding Performance Evaluation (PE) Samples] in an SDG. Attach the TR/COC Records to this form in alphanumeric order (the order listed above on this form).*

Jessica Schuyler
Signature

11/20/07
Date

USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

03/11/2008

Case No: 36948
DAS No:
SDG No: 8727 MH24L3 11/16/07 L

Date Shipped:
Carrier Name: FedEx
Airbill:
Shipped to: A4 Scientific
1544 Sawdust Road
Suite 505
The Woodlands TX 77380
(281) 292-5277

Chain of Custody Record

Relinquished By	(Date / Time)	Received By	(Date / Time)
1 Chris Hayes	11/9/07 6pm	Janna Simonsen	11/9/07 6pm
2 Janna Simonsen	11/15/07 12pm		
3			
4			11/16/07

Sampler Signature:

For Lab Use Only
Lab Contract No: EPW06057
Unit Price: 0
Transfer To:
Lab Contract No:
Unit Price: 11/16/07

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
MH24L3	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG253 (1)	UW01-56-0.5	S: 11/5/2007	13:10	0008727-01	Intact
MH24L4	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG254 (1)	UW02-56A1-0.5	S: 11/9/2007	12:20	-02	
MH24L5	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG255 (1)	UW03-56-0.5	S: 11/9/2007	11:40	-03	
MH24L6	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG256 (1)	UW03-56A1-0.5	S: 11/9/2007	12:15	-04	
MH24L7	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG257 (1)	UW04-56-0.5	S: 11/9/2007	11:10	-05	
MH24L8	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG258 (1)	UW05-56-0.5	S: 11/9/2007	11:40	-06	
MH24L9	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG259 (1)	UW07-56-0.5	S: 11/9/2007	11:30	-07	
MH24M0	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG260 (1)	UW09-56A1-0.5	S: 11/9/2007	13:30	-08	
MH24M1	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG261 (1)	UW11-56A1-0.5	S: 11/9/2007	14:00	-09	
MH24M2	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG262 (1)	UW12-56A1-0.5	S: 11/9/2007	16:00	-10	

Shipment for Case Complete?N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s): 11/16/07	Cooler Temperature Upon Receipt: 4°C	Chain of Custody Seal Number: 11/16/07
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? Y Shipment Iced? Y

TM = CLP TAL Total Metals

TR Number: 8-065602925-111307-0001

LABORATORY COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602

USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 36948 **DAS No:** **SDG No:** 8127MH24 11/16/07

Date Shipped:		Chain of Custody Record		Sampler Signature:		For Lab Use Only	
Carrier Name:	FedEx	Relinquished By	(Date / Time)	Received By	(Date / Time)	Lab Contract No:	EPW060557
Airbill:		1 Chris Hayes	11/9/07 6pm	Janna Simonsen	11/9/07 6pm	Unit Price:	0
Shipped to:	A4 Scientific 1544 Sawdust Road Suite 505 The Woodlands TX 77380 (281) 292-5277	2 Janna Simonsen	11/16/07 12pm			Transfer To:	
		3				Lab Contract No:	
		4		R Woodson		Unit Price:	11/16/07

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
MH24M3	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG263 (1)	UW13-56A1-0.5	S: 11/9/2007	14:25		0008727-11 Intact
MH24M4	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG264 (1)	UW16-56A1-0.5	S: 11/9/2007	16:00		-12
MH24M5	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG265 (1)	UW17-56A1-0.5	S: 11/9/2007	15:50		-13
MH24M6	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG266 (1)	UW18-56A1-0.5	S: 11/9/2007	15:40		-14
MH24M7	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG267 (1)	UW19-56A1-0.5	S: 11/9/2007	15:30		-15

Shipment for Case Complete?N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number	
		11/16/07	4 C	11/16/07	
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? A	Shipment Iced? Y
M = CLP TAL Total Metals					

TR Number: 8-065602925-111307-0001

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PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602

Cooler 4

USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 36948
DAS No:
SDG No: MH24K3K8 11/20/07 **L**

Date Shipped:
Carrier Name: FedEx
Airbill:
Shipped to: A4 Scientific
1544 Sawdust Road
Suite 505
The Woodlands TX 77380
(281) 292-5277

Chain of Custody Record

Relinquished By	(Date / Time)	Received By	(Date / Time)
1 Chris Hayes	11/9/07 7PM	Jana Simonsen	11/9/07 7PM
2 Jana Simonsen	11/15/07 12PM		
3			
4		[signature]	11/16/07

Sampler Signature: [signature]

For Lab Use Only
Lab Contract No: EPW06057
Unit Price: 2
Transfer To:
Lab Contract No:
Unit Price: 11/16/07

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
MH24K8	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG248 (1)	UE21-64A-0.5	S: 11/8/2007	13:25	0008727-16	Intact
MH24K9	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG249 (1)	UE22-64A-0.5	S: 11/8/2007	13:30	-17	
MH24L0	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG250 (1)	UE23-64A-0.5	S: 11/8/2007	13:50	-18	
MH24L1	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG251 (1)	UE24-64A-0.5	S: 11/8/2007	13:45	-19	
MH24L2	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG252 (1)	UE10-64A-0.5	S: 11/8/2007	9:35	-20	

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s): [signature] 11/16/07	Cooler Temperature Upon Receipt: 4°C	Chain of Custody Seal Number: [signature] 11/16/07
Analysis Key: TM = CLP TAL Total Metals	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? Y Shipment Iced? Y

TR Number: 8-065602925-111207-0003

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